

**Abstract**

A device and method for generating a set of filter 5 coefficients is provided. Sequences of samples of a first and second signal are received where the second signal includes a certain component that is correlated to the first signal. A first set of filter coefficients is generated on the basis of the first and second signals. A 10 set of performance data elements are generated to evaluate the performance of a filter using the first set of coefficients, each performance data element being associated to a respective frequency band selected from a set of frequency bands. Following this, a set of 15 correction signals is generated including a correction signal for each frequency band for which the associated performance data element is indicative of an unsatisfactory performance. A second set of filter coefficients is generated on the basis of the first signal, the second 20 signals and the set of correction signals. The second set of filter coefficients is then released in a format suitable for use by a filter.